

Amendments to the Claims

1. (currently amended) 1. A network configured to dynamically and intelligently route requests for services provided by service provider servers, comprising:

a computing device utilizing an Internet service provider (ISP) to communicate over the network.

an association of at least one application service provider server coupled with said network;

an ingress server configured to receive incoming requests for application services that are directed from the computing device over an established network connection;

a routing device configured to intelligently route the client application service request over the network to an associated application service provider server according to predetermined application criteria; and

an application service provider server register configured to maintain current application service provider server information for at least one outside application server providing of said application services associated with a plurality of application services requested by said computing device.

2. (previously presented) A network according to Claim 1 further comprising a qualifying device configured to intelligently qualify an application service provider server according to predetermined criteria, wherein the application service provider server may become associated with the network.

3. (previously presented) A network according to Claim 2 wherein the qualifying device is configured to qualify an application service provider server based on application service quality criteria.

4. (previously presented) A network according to Claim 2 wherein the qualifying device is configured to qualify an application service provider server based on application service routing criteria, and wherein the routing device includes routing code for enabling a processor to route client requests to an application service provider server by executing the routing code.

5. (previously presented) A network according to Claim 2 wherein the qualifying device is configured to qualify an application service provider server based on the type of service offered by the application service provider server.

6. (Original) A network according to Claim 1, wherein the network includes a plurality of routing devices and a router table propagator configured to intelligently propagate updates of routing tables that may exist in each of the plurality of routing devices.

7. (previously presented) A network according to Claim 1, wherein the ingress server includes a routing device configured with routing code to route client requests to an application service provider server and an application service provider server register configured to maintain current service provider server information.

8. (previously presented) A network according to Claim 1 further comprising a plurality of application service provider servers that are affiliated with the ingress server, wherein the ingress server is configured to route client requests to one or more of the application service provider servers according to predetermined criteria.

9. (previously presented) A network according to Claim 1, wherein the application service provider server register includes a routing table containing property information pertaining to an application service provider server.

10. (previously presented) A network according to Claim 1, wherein the application service provider server register includes a routing table containing property information pertaining to an application service provider server including operation status information and type of application service information.

11. (previously presented) A network according to Claim 9, wherein the routing table includes a look-up table containing property information pertaining to an application service provider server that can be looked up by the routing device.

12. (Currently amended) An ingress server configured to route a client request to an application server, comprising:

a router configured with routing code to route client requests over an established network connection to an application service provider server; and
a parameter reviewer for reviewing and qualifying the adequacy of an outside server's parameters to qualify the adequacy of the submitted parameters;
an application service provider server register configured to maintain current application service provider server information, said register based on the qualifying of said outside server's parameters; and
a monitoring thread for monitoring whether the outside application server is satisfying the client requests.

13. (previously presented) An ingress server according to Claim 12 further comprising a qualifying device configured to intelligently qualify an application service provider server according to predetermined criteria, wherein the application service provider may become associated with a service routing network.

14. (previously presented) An ingress server according to Claim 13 wherein the qualifying device is configured to qualify an application service provider server based on service quality criteria.

15. (previously presented) An ingress server according to Claim 13 wherein the routing device includes routing code for enabling a processor to route client requests to an application service provider server upon execution, and wherein the qualifying device is configured to qualify an application service provider server based on service routing criteria.

16. (previously presented) An ingress server according to Claim 13 wherein the qualifying device is configured to qualify an application service provider server based on the type of service offered by the application service provider server.

17. (Original) An ingress server according to Claim 12, wherein the network includes a plurality of routing devices and a router table propagator configured to intelligently propagate updates of routing tables that may exist in each of the plurality of routing devices.

18. (previously presented) An ingress server according to Claim 12, wherein the application service provider server register includes a routing table containing property information pertaining to an application service provider server.

19. (previously presented) An ingress server according to Claim 12, wherein the application service provider server register includes a routing table containing property information pertaining to a application service provider server including operation status information and type of application service information.

20. (previously presented) An ingress server according to Claim 12, wherein the routing table includes a look-up table containing property information pertaining to an application service provider server that can be looked up by the routing device.

21. (previously presented) An ingress server according to claim 12, further comprising a subscription module configured to route a client request to an application service provider server according to subscription criteria.

22. (Currently amended) A method for routing a client request to a pre-qualified application service provider server, wherein such routing is performed by a routing server having an application service provider register, comprising:

receiving a client request for an application service to be performed by an application server over an established network connection;

analyzing the client request to determine the type of application service that is requested by the request;

developing a register for said application service provider, said register qualifying said application servers based on the parameters of the services provided by the application servers;

checking the application service provider register for a pre-qualified application service provider server that is capable of performing the requested application service;

providing a graphical user interface for providing a choice to a user among a number of said application service providers that offer a service that is responsive to said client request; and

routing the request to an said application service provider according to predetermined criteria.

23. (previously presented) A method according to Claim 22, further comprising the step of choosing an application service provider server from a

number of application service provider servers that have been requalified by the routing server for particular application services.

24. (previously presented) A method according to Claim 23, wherein choosing a service provider server from a number of application service provider servers is performed by the routing server according to predetermined subscription criteria.

25. (previously presented) A method according to Claim 22, further including intelligently propagating router table updates to application service routing servers.